15 (13)

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for Improvements and Construction of Cement Concrete Roads Coconut Garden (Ismail Garden) to Mahalakshmi Nagara, Ward.No. 14, Bangalore.

Estimated Cost Rs. 18.75 Lakhs

ASSISTANT EXECUTIVE ENGINEER

T.DASARAHALLI SUB DIVISION,

B.B.M.P, BANGALORE

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			Est. Cost Rs				18.75	Lakhs	
Sl. No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300- Scarifying the surface and dressing KSRRB 300-44 Scarifying top bituminous surface or surface dressing or premix carpet including picking up scarified materials, stacking of old serviceable materials within a lead of 100 metres by manual means including cost of all abour charges complete as per specifications. MORTH Chapter 3 (P.156/I.19.50 PW, P & IWTD -SR 2012-13)	Sqm							
	Coconut Garden - Main Road		1	188.50	5.20		**980.20**	17.93	**17573.00**
	Basic Rate	16.60							
	Add Area Weightage 8%	1.33							
	Total	**17.93**							
2	KSRRB M300- Construction of Embankment with Material Gravel / Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel / Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305 (P.157/I.19.60 PW, P & IWTD -SR 2012-13)	Cum							
			1	188.50	5.20	0.23	**225.45**	146.88	**33114.00**
	Basic Rate	136.00							
	Add Area Weightage 8%	10.88							
	Total	**146.88**							
3	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.167/I.20.18 PW, P & IWTD - SR 2012-13)	Cum							
			1	188.50	5.20	0.25	**245.05**	1059.48	**259626.00**
	Basic Rate	981.00							
	Add Area Weightage 8%	78.48							
	Total	**1059.48**							

4	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							
			1	188.50	5.20	0.15	**147.03**	3884.76	**571176.00**
	Basic Rate	3597.00							
	Add Area Weightage 8%	287.76							
	Total	**3884.76**							
5	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
			1	188.50	5.20	0.125	**122.53**	4409.64	**540291.00**
	Basic Rate	4083.00							
	Add Area Weightage 8%	326.64							
	Total	**4409.64**							
6	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
			122.53	Kg/Cum	35.00		4288.38		
						Say	**42.88**	7187.86	**308242.00**
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	**7187.86**							
7	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, c10ser blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.27/I.5.27) PW, P & IWTD - SR 2012-13)	Sqm							

			2	188.50		0.20	75.40	683.70	51511.00
	Basic Rate	645.00							
	Add Area Weightage 6%	38.70							
	Total	**683.70**							
8	Vaccum de-watering with vaccum pump and suction mat and compaction wath skin floater clubbed with floating disc including cost of generator, HOM of machinery, screned vibratory, power floater, blade and disc., with all lead and lift. (P.187/I.22.7 PW,P & IWTD SR. 2012-13)	Sqm							
			1	188.50	5.00		942.50	84.80	79924.00
	Basic Rate	80.00							
	Add Area Weightage 6%	4.80							
	Total	**84.80**							
9	KSRRB M2600-4. (iii)Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing & Technical Specification complete as per specifications MORTH Specification No. 2605 (P.248/I.31.4 PW, P & IWTD SR 2012-13)	M							
			14	5.00			**70.00**	167.48	**11724.00**
	Basic Rate	158.00							
	Add Area Weightage 6%	9.48							
	Total	**167.48**							
10	Miscellaneous and Unforeseen Charges	LS							1779.00
								Total	**1875000**

(Rupees Eighteen Lakhs Seventy Five Thouasnd Only)

CERTIFICATE

1) The Work spot has been inspected and the work is found to be necessary
2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
3) The Provision made in estimate are adequante and essential
4) This area comes under B.B.M.P Limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S

No. SC(DH) AS 676/12-13 Dated: 14/02/13

Sub. 18.75 Lakhs (Rupees Eighteen Lakhs Seventy-Five Thousand only)

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SL. No. 676

No. EE/DD/TS/457/12-13 Dated: 16/02/13

Sub. 18.75 Lakhs (Eighteen Lakhs & Seventy Five Thousand only)

Name of Work: Improvements and Construction of Cement Concrete roads Coconut Garden (Ismail Garden) to Mahalakshmi Nagar, Ward No. 14